

**EPA FY 2013 Hazardous Waste Management Grant Program for Tribes**

**Washoe Tribe Hazardous Waste Project**

Washoe Tribe of Nevada and California  
919 Highway 395 South  
Gardnerville, Nevada 89410



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*Hazardous Waste Collected 2012, WEPD Photo.*

**Project Description:**

The Washoe Tribe of Nevada and California is a federally recognized Indian Tribe organized pursuant to the Indian Reorganization Act of June 18, 1934, as amended. The Tribe's aboriginal territory extends to the west of Lake Tahoe Basin, north to Honey

Lake, east in the Pine Nut Mountains and south to Antelope Valley, California. Tribal members continue to use resources within the aboriginal territory in the same manner as did their ancestors. The Tribe has four federally recognized communities (Stewart, Carson, Dresslerville, and Woodfords), three in Nevada and one in California. The Tribe also has jurisdiction over trust parcels and allotments in both Nevada and California. Each of the communities has a separate governing Community Council; overall, the Washoe Tribal Council governs the Tribe. The Washoe Environmental Protection Department (WEPD) was established in the Tribal government structure in 1998. WEPD is responsible for carrying out protection of natural and cultural resources and management for lands within the traditional territory and over 73,500 acres of trust and fee lands. It is the policy of the Washoe Tribe to protect, maintain, and enhance its natural resources for the benefit of present and future generations.

The fundamental goal of the Washoe Tribe is to enable the Washoe people to return to the land in the traditional and customary manner. The health of the Washoe homeland and the health of the Washoe people are inseparable. Reapplying traditional and customary practices to the land will heal both the land and the people.

The Tribal Council has identified several environmental concerns as priorities. Among the concerns is the risk of pollution to the Tribe's natural resources especially water resources. Hazardous waste on tribal lands poses a direct threat to these resources. The current hazardous waste situation on tribal lands is a substantial risk to public health and safety, water, wildlife, vegetation, and cultural resources. By products associated with the waste stream are likely to leach into the ground, affecting the water resources utilized for the communities' drinking water. Conventional household cleaning products used and stored within homes contain numerous toxic chemicals. "In a 1996 survey, the EPA found that 74 percent of U.S. households were using one or more pesticides in the home. And conventional household cleaners – from chlorine-based detergents to drain cleaners – have been linked to a staggering range of illnesses (Imus, 2008)." According to the Tribe's 2011 Waste Stream Analysis, the Washoe Tribe generates approximately 2 tons of hazardous waste annually.

The proposed project will include development and implementation of four Hazardous Waste (HW) and Household Hazardous Waste (HHW) collection days as recommended in the Tribe's Integrated Solid Waste Management Plan. An event will be held in each of the four tribal communities and will include and encourage hazardous waste product reuse, recycling and proper disposal. During the HW and HHW collection events, community members can share, exchange, and transfer usable products that contain hazardous substances such as: fuel additives, antifreeze, starter fluid, batteries, solvents, chemical cleaning products, paints, paint thinner, pesticides, and wood preservatives. Materials that are not reused will be disposed of properly, either by transporting them to the Douglas County or Carson City Transfer Stations or contracting with a hazardous waste disposal company. The collection and exchange events raise awareness about HW and HHW. The events will help reduce both the amount of these products purchased and the amount that require disposal. The removal of these substances will allow WEPD to

meet the criteria of RCRA subtitle C by enabling the proper disposal of these hazardous substances.

Education and outreach will be ongoing activities focusing on the impacts of hazardous waste and proper disposal of the waste. Education will assist community members in recognizing and addressing their exposure to hazardous waste. Education will include a focus on green cleaning and the benefits of non-toxic household cleaners. Education and outreach will include "recipes" for nontoxic household cleaners that can be made from inexpensive materials including vinegar, dish soap, and water. Everyday exposure to toxins can be reduced by greening household cleaners. "Conventional products are laden with toxic chemicals (Loux, 2008)." Safe, effective and natural cleaners can be made or purchased. The homemade "green" cleaners are healthier, safer and less expensive than traditional cleaners. "Many ordinary household cleaners – toilet cleaners, window cleaners, laundry and dishwasher detergents – are loaded with chemicals that can pose a threat to human health (Imus, 2008)." WEPD will disseminate information through newsletter articles and brochures. Educational information will also be distributed through the collection events.

The purpose of the project is to improve the hazardous waste situation by reducing the risk of contamination to the tribal members and natural resources, especially water resources. WEPD will utilize licensed hazardous waste disposal facilities to assist with proper removal and disposal of the identified waste. The proposed project will support the Washoe Tribe in building the capacity to strengthen its existing hazardous waste management program.

Hazardous waste is a serious threat to public health and safety. Hazardous waste is also a toxic threat to drinking water. For example, one quart of used motor oil can pollute one million gallons of water. The heavy metals contained in used motor oil including zinc, lead, and cadmium are extremely toxic. Hazardous waste not only pollutes water but is also a serious contaminant to the soil and air. Waste can be a physical hazard, chemical hazard and potential fire hazard. Improperly stored hazardous waste poses a significant human health risk. The proposed project will result in community wide hazardous waste source reduction.



*Miscellaneous Hazardous Waste from Tribal Communities*

The proposed project supports the EPA's Strategic Plan Goal 3 (Cleaning Up Communities and Advancing Sustainable Development) Objective 3.2 (Preserve Land). The proposed project will encourage waste reduction, reuse and recycling through collection and exchange events in each of the four tribal communities. The proposed project will serve to increase awareness of the dangers associated with HW and HHW, increase waste reduction, educate on proper disposal and improve hazardous waste management. The project will include a focus on green cleaning and the dangers associated with conventional cleaners. The proposed project will reduce the amount of HW and HHW stored inside homes including conventional disinfectants, window and toilet cleaners, paint, pesticides, antifreeze, and used motor oil. The reduction in storage of these toxic chemicals will result in improved health and safety for the community members and the natural resources. The completed project will address preservation and restoration of the environment and encourage environmental compliance and stewardship of the land. The proposed project will mitigate the impacts of hazardous waste on the natural and cultural resources located on tribal lands. The proposed project will increase the tribe's capacity to effectively protect, maintain, and enhance the natural and cultural resources that it depends on.

#### **Community Health Development:**

The proposed project will include source reduction of hazardous waste within the four tribal communities. The project will result in improved public health and safety by eliminating hazardous waste storage within the communities. The project will result in improved health of the tribal members by reducing the amount of toxic substances stored and utilized within the households. Source reduction will also include reduced impact to the environment including wildlife, vegetation and water resources. "According to the

Seventh Generation company, if every household in the United States replaced just one 32 ounce bottle of petroleum-based all-purpose cleaner with a plant-based, biodegradable product, it would save 6,800 barrels of oil – enough to power hundreds of homes for a year (Loux, 2008).” The proposed project will provide an increased ability to manage and protect the natural resources and will lead to improved knowledge of Tribal community members and staff regarding the importance of managing and properly disposing of hazardous waste. The proposed project could result in employment opportunities as federally funded programs provide a portion of the employment opportunities on Washoe Tribal land.

**Programmatic Capability and Past Performance:**

WEPD has had several federal and non-federal agreements within the past three years. Each of the agreements has set guidelines in reporting of tasks and activities accomplished during the reporting period. The work plan is used as a program logic model and management tool that is used throughout a program’s life. Using evaluation and the logic model results in effective programming and offers greater learning opportunities, better documentation of outcomes, and shared knowledge of what works and why. WEPD reports quarterly on progress towards achieving the project goals and objectives. WEPD reports on outputs and outcomes achieved throughout the project period.

Quarterly reports contain the following information:

- Comparison of actual versus expected progress achieving environmental outcomes and outputs, for each work plan task.
- Explanations for lack of progress (or anticipated lack of progress) if applicable.
- Suggestions for improving grant performance or modifying expectations (including proposed changes to target due dates) if necessary.
- Status of expenditures (cumulative) for reporting period and explanations of cost overruns/ under-runs if applicable and equipment purchases.

Five agreements that the Tribe has successfully completed and reported on:

1. EPA Hazardous Waste Management Grant Program for Tribes FY11
2. EPA Tribal Solid Waste Management FY10
3. EPA Non Point Source 319h since 2000
4. EPA Clean Water Act Section 106 since 1998
5. EPA General Assistance Program since 1994

Currently, the WEPD has over 20 agreements with several agencies including: U.S. Forest Service, U.S. Environmental Protection Agency, Department of Transportation, U.S. Department of Energy, Bureau of Reclamation, Bureau of Land Management, Bureau of Indian Affairs, Indian Health Service, and the Natural Resource Conservation Service. Examples of outputs and outcomes from previous agreements include the establishment of several law and order codes, completion of a Non Point Source Assessment and Management Plan, draft Water Quality Standards, Unified Watershed Assessment, Open Dump Cleanup and Closure Plans, wellhead protective fencing, stream bank stabilization projects, wildland fire vegetative and erosion control implementation

projects, and update of the Tribe's Waste Stream Analysis and the Tribe's Integrated Solid Waste Management Plan. The above five agreements listed were implemented successfully by WEPD.

The WEPD also has mandatory monthly reporting requirements for the Tribal Council; this assists with keeping the Council informed of activities, issues, and project updates. The reporting has benefited WEPD in gaining Tribal Council support in natural resource protection.

WEPD maintains a report submittal database for all programs. This database is the needed resource to track the reporting requirements of the multiple funding agencies. All reports submitted by WEPD receive internal evaluation prior to submittal. This evaluation verifies grants are making progress toward achieving the expected results. On the occasion an assistance program is behind schedule, WEPD does not hesitate to inform the project officer of the lack of progress with reasoning of why it is behind, and the revised date of completion.

The Washoe Tribe has a strong commitment to the restoration of Tribal lands and the aboriginal homelands. WEPD has extensive experience with the issues facing the Tribe and their lands. WEPD staff have various skills and significant experience as a department dealing with the issues that threaten tribal lands and the natural and cultural resources. The Program Director and Environmental Specialists have extensive experience and knowledge of the tasks needed to accomplish the proposed project. WEPD has a diverse and highly trained staff with experience and backgrounds in limnology, geomorphology, hydrology, forestry, fire ecology, natural resource management, fisheries, wildlife, wetlands, invasive species, and land management. Staff have an in-depth understanding of hazardous waste, compliance and enforcement. WEPD personnel have experience and knowledge in project administration and implementation, education and outreach, developing plans and conducting studies. The WEPD Program Director has significant experience in administering environmental program funding and managing environmental projects and staff. Furthermore, staff are well versed in delivering trainings and workshops in a culturally sensitive manner, to environmental professionals and Tribal leaders and members.

WEPD has significant experience managing solid waste projects and a strong commitment to the restoration of Tribal lands and aboriginal homelands. In 2012, under the EPA Tribal Solid Waste Management funding, the WEPD completed an update to the Tribe's Waste Stream Analysis and the Tribe's Integrated Solid Waste Management Plan (ISWMP). In 2012, the Washoe Tribe also successfully implemented HHW collection events in each of the four communities. These events collected and properly disposed of numerous items of hazardous waste including 187 gallons of paint, 1 ton of scrap metal, and 39 gallons of used motor oil. The Washoe Tribe has developed a number of Tribal ordinances, codes and plans related to the protection of environmental resources which set standards to protect the environment and provide for enforcement of those standards. These include a Planning Development System, Integrated Resource Management Plan, Title 19 – Water Code, and Title 17 – Environmental Protection Code. The establishment

of these plans and codes allow for increased compliance and enforcement of environmental regulations throughout Tribal lands. These programs provide for the monitoring of natural resources, guide land use planning, and mitigate negative impacts to the environment.

A major initiative for WEPD has been to develop alternative methods for the disposal of solid waste in line with the Tribe's Integrated Solid Waste Management Plan. WEPD has implemented several solid waste and hazardous waste reduction programs to minimize the waste stream in the communities. WEPD has successfully collaborated with several other agencies and local partners on previous projects. The proposed project will provide WEPD the opportunity to increase the capacity of the Washoe Tribe to effectively monitor and enforce environmental regulations.

WEPD has previously been awarded EPA Hazardous Waste Management Grants funding and has successfully implemented project components. The proposed project will implement hazardous waste collection and exchange events in each of the four tribal communities and include education and outreach on hazardous waste with an emphasis on green cleaning alternatives.

**Performance Measurement: Anticipated Outcomes and Outputs:**

***Outcomes:***

1. Reduction in hazardous waste in the community.
2. Reduction in the amount of HW and HHW stored within community member's homes.
3. Improved community health.
4. Increased amount of materials recycled and reused.
5. Reduced impact to tribal natural and cultural resources.
6. Decreased risk of groundwater contamination.

***Outputs:***

1. Inventory of HW and HHW collected and exchanged through collection and exchange events.
2. Ongoing education and outreach activities to reduce hazardous waste in the community.
3. Ongoing education and outreach activities regarding the hazards of conventional household cleaners and information on safer green cleaning alternatives.

Successful performance of the proposed project will include completion of the four hazardous waste collection events. Success will be measured through amount of household waste removed and number of household waste items collected through each event. The project work plan will be used as a guide to measure and track achievement of the project's stated goals and objectives. (See attached work plan.)

**Cooperative Partnerships:**

WEPD will work with many of the Tribe's internal departments to successfully complete the proposed project. Community involvement is crucial to project success and will be utilized throughout the proposed project. WEPD will work with the Tribal Planning Department, Tribal Legal Department, Tribal Law Enforcement, and Washoe Housing Authority on successful implementation of the project.

WEPD will also continue to utilize its partnerships with outside federal, state, and local agencies to strengthen the capacity to perform the desired objectives and activities. Documentation of partnerships established as the grant progresses will be reported on in the quarterly and final reports.

**Technical Assistance/ Transferability:**

If selected for funding, the activities outlined in this proposal will be presented at the Nevada Tribal Solid Waste Manager's meeting. This group is a representative majority of the Nevada Indian Tribes and is also comprised of representatives from Nevada Department of Environmental Protection, Nevada Rural Water Association, U.S. Environmental Protection Agency, and the Inter-Tribal Council of Nevada. This group facilitates the sharing of projects within Nevada's Indian Country through presentations to other tribes, agencies, and organizations. This allows for information and lessons learned during the project to be transferred to others.

**Leveraging:**

WEPD will leverage existing funding to utilize current WEPD equipment to complete the proposed source reduction tasks.

The proposed project will be completed by the end of the EPA project period. WEPD will continue to evaluate potential funding opportunities in order to develop and implement a sustainable hazardous waste program. Education and outreach will be ongoing activities that will be funded through other WEPD funds once the EPA project is completed.

**Expenditure of Awarded Grant Funds:**

The proposed project will be completed during a one year project period from October 1, 2013 through September 30, 2014. The Washoe Tribe has the organizational procedures in place to ensure that awarded grant funds will be expended in a timely and efficient manner.



**WASHOE TRIBE OF NEVADA & CALIFORNIA**  
**EPA FY13 HAZARDOUS WASTE MANAGEMENT GRANT PROGRAM FOR TRIBES**  
**OCTOBER 1, 2013 THROUGH SEPTEMBER 30, 2014**

DESCRIPTION OF TASKS & ACTIVITIES	DELIVERABLES/OUTPUTS & TARGET DATES	ESTIMATED PERSON/YEARS (2080hrs = 1 YEAR)	ESTIMATED COST
<b>Program Administration Component</b>			
<p><b>Task 1. Program Fiscal Administration</b></p> <p><i>Purpose and Need:</i> As an EPA grantee, the Tribe is required to adhere to administrative requirements identified in 40 CFR Part 31 and OMB Circular A-87.</p> <p><i>Goals and Objectives:</i> The goal of this task is to ensure the Tribe follows applicable administrative requirements. The Tribe's objectives are to identify administrative requirements associated with EPA grants, document how the Tribe meets or fails to meet the requirements, and outline steps necessary to bring the Tribe into "administrative compliance" if applicable.</p> <p><i>Approach/Responsibilities:</i> The Tribe will research administrative requirements, assess compliance with each requirement, and document findings in a written report. The EPA Project Officer and Grants Specialist will be asked to comment on a draft report and provide guidance on how to improve administrative systems if necessary. The WEPD Director will coordinate with the Tribal Grants Compliance Accountant and Finance Director regarding fiscal management and financial reporting.</p> <p><i>Environmental Outcomes/Results:</i> This task will facilitate Tribal compliance with federal grant requirements.</p>	<p>1. Financial Status Report (due quarterly, will be submitted to appropriate EPA office by tribal finance department staff and final will be submitted prior to 90 days of the end date. 9/30/14)</p> <p>2. MBE/WBE or DBE ( Within 90 days of end date to EPA GMO)</p>	<p>PD 20 hours Sec 10 hours  Total: 30 hours</p>	<p>\$ 885.00 \$ 176.00  Total: \$1,061.00</p>
<p><b>Task 2. Summarize Progress; Program Evaluation</b></p> <p><i>Purpose and Need:</i> Progress reports are necessary to evaluate the effectiveness of the Environmental Program. The Tribe is required to submit quarterly progress reports to the EPA and jointly evaluate grant accomplishments with the EPA Project Officer. In addition WEPD is required to submit monthly progress reports to the Tribal Council.</p> <p><i>Goals and Objectives:</i> To keep the Tribe and EPA informed of WEPD accomplishments, expenditures, challenges, and activities.</p> <p><i>Approach/Responsibilities:</i> The WEPD will submit monthly reports to the Tribal Council and quarterly reports to the EPA. The Tribe's fourth quarter "year end" report will assess the progress and accomplishments for the program. The EPA Project Officer will review WEPD quarterly reports and will provide a written evaluation "end of year report" of WEPD progress. A draft of the EPA Project Officer's evaluation will be submitted to the Environmental Director for review prior to being finalized and sent to the Tribal Chair. The WEPD will review the Government Performance and Results Act, which will assist in assessing program performance.</p>	<p>1. Quarterly Reports to EPA (12/31/13, 3/31/14, 6/30/14, 9/30/14)</p> <p>2. Year End Report (Annual Report) (9/30/14)</p> <p>3. Tribal Council (TC) Reports are due every month. TC Reports will be submitted with quarterly reports.</p>	<p>PD 10 hours ES II 20 hours Sec 20 hours  Total: 50 hours</p>	<p>\$442.50 \$468.00 \$351.00  Total: \$1,261.00</p>

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DESCRIPTION OF TASKS & ACTIVITIES	DELIVERABLES/OUTPUTS & TARGET DATES	ESTIMATED PERSON/YEARS (2080hrs = 1 YEAR)	ESTIMATED COST												
<p>Quarterly reports will contain the following information:</p> <ul style="list-style-type: none"><li>• Comparison of actual vs. expected progress achieving environmental outcomes and outputs, for each work plan task.</li><li>• Explanations for lack of progress (or anticipated lack of progress) if applicable.</li><li>• Suggestions for improving grant performance or modifying expectations (including proposed changes to target due dates) if necessary.</li><li>• Status of expenditures (cumulative) for reporting period and explanations of cost overruns/under-runs if applicable.</li><li>• Results from implementation of R9 Greening Grants Policy.</li></ul> <p><i>Environmental Outcomes/Results:</i> This task will keep WEPD and the Tribe in compliance with federal reporting requirements.</p> <p><b>Task 3. Program Capacity-Building and Coordination</b> <i>Purpose and Need:</i> To coordinate and schedule the WEPD Hazardous Waste program tasks and activities with other environmental program activities for long and short term planning.</p> <p><i>Goals and objectives:</i> To meet the goal of the hazardous waste project through compliance of environmental regulations by increasing awareness of and behavior changes by the regulated communities. In addition to meeting the Tribe's goals of building tribal capacity to administer environmental programs, to protect environmental and public health.</p> <p><i>Approach/Responsibilities:</i> The WEPD Director and Environmental Specialist II will schedule and coordinate program activities. The WEPD Director will hire/train staff and hold staff meetings. The WEPD Secretary will assist with arranging travel, training, and record keeping of program activities. The WEPD Director and Environmental Specialist II will research funding opportunities and draft grant proposals for increased education, hazardous waste management, and environmental regulation enforcement.</p> <p><i>Environmental Outcomes/Results:</i> This task will assist in building Tribal capacity and coordination of WEPD program activities.</p>	<ol style="list-style-type: none"><li>1. Status of activities will be summarized in quarterly reports.</li><li>2. Copy of meetings attended will be submitted with quarterly reports.</li></ol>	<table><tr><td>PD</td><td>10 hours</td><td>\$442.50</td></tr><tr><td>ES II</td><td>20 hours</td><td>\$468.00</td></tr><tr><td>S</td><td>10 hours</td><td>\$176.00</td></tr><tr><td colspan="2">Total: 40 hours</td><td>Total: \$1,086.50</td></tr></table>	PD	10 hours	\$442.50	ES II	20 hours	\$468.00	S	10 hours	\$176.00	Total: 40 hours		Total: \$1,086.50	
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**EPA FY13 HAZARDOUS WASTE MANAGEMENT GRANT PROGRAM FOR TRIBES**  
**OCTOBER 1, 2013 THROUGH SEPTEMBER 30, 2014**

DESCRIPTION OF TASKS & ACTIVITIES	DELIVERABLES/OUTPUTS & TARGET DATES	ESTIMATED PERSON/YEARS (2080hrs = 1 YEAR)	ESTIMATED COST
<b>Project Implementation</b>			
<p><b>Task 1. Hazardous Waste Collection and Exchange Events</b></p> <p><i>Purpose and Need:</i> There are significant amounts of hazardous waste present in the four tribal communities which need to be addressed. This waste is threatening natural and cultural resources as well as public health and safety.</p> <p><i>Goals and objectives:</i> The goal of the proposed project is to reduce the amount of hazardous waste within the tribal communities.</p> <p><i>Approach/Responsibilities:</i> WEPD staff will develop and implement hazardous waste collection and exchange events in each of the four tribal communities. The events will include reuse, recycling, and proper disposal of hazardous waste materials.</p> <p><i>Environmental Outcomes/Results:</i> The reduction of the waste stream is essential to the protection of natural and cultural resources. The proposed project will result in the increased capacity of the tribe to manage hazardous waste issues on tribal lands. The proposed project will provide for a reduction in the waste stream.</p>	<ol style="list-style-type: none"> <li>1. Status of activities will be summarized in quarterly reports.</li> <li>2. Final Report will include totals of HHW removed from the tribal communities.</li> </ol>	<p>ES II 240 hours  ES I 208 hours  Sec 20 hours  Crew 312 hours</p> <p>Total: 780 hours</p>	<p>\$5,611.00  \$4,019.00  \$ 351.00  \$4,699.00</p> <p>Total: \$14,680.00</p>

**WASHOE TRIBE OF NEVADA & CALIFORNIA  
EPA FY13 HAZARDOUS WASTE MANAGEMENT GRANT PROGRAM FOR TRIBES  
OCTOBER 1, 2013 THROUGH SEPTEMBER 30, 2014**

DESCRIPTION OF TASKS & ACTIVITIES	DELIVERABLES/OUTPUTS & TARGET DATES	ESTIMATED PERSON/YEARS (2080hrs = 1 YEAR)	ESTIMATED COST
<p><b>Task 2. Education and Outreach Component</b></p> <p><i>Purpose and Need:</i> The project will provide education and outreach on hazardous waste issues including emphasis on safer green cleaning alternatives to toxic conventional products. The success of this program relies on an educated and knowledgeable community base and Tribal staff.</p> <p><i>Goals and objectives:</i> The proposed project will assist in developing the capacity to perform environmental trainings to improve solid waste management. The goal of this task is to educate Tribal members and staff on the importance of reduction of the waste stream for protection of human health and the natural and cultural resources.</p> <p><i>Approach/Responsibilities:</i> The WEPD staff will schedule and coordinate program activities. WEPD staff will develop educational materials including brochures and articles for the tribal newsletter and website.</p> <p><i>Environmental Outcomes/Results:</i> This task will reduce the hazardous waste within the four tribal communities, increase the amount of materials recycled, and protect and improve the community's health. This task will assist with the development of a well-educated base for Tribal members and staff; yielding a higher rate of compliance in environmental protection.</p>	<ol style="list-style-type: none"> <li>1. Status of activities will be summarized in quarterly reports.</li> <li>2. Copies of education and outreach materials.</li> </ol>	<p>ES II 240 hours ES I 208 hours Crew 312 hours</p> <p>Total: 760 hours</p>	<p>\$5,611.00 \$4,018.00 \$4,698.00</p> <p>Total: \$14,327.00</p>
<p>Program Director = PD Environmental Specialist II = ES II Environmental Specialist I = ES I Conservation Crew = Crew Secretary = Sec</p>			

The due dates for deliverables correspond with dates (month prior) that quarterly or annual reports are due to the EPA.  
Workplan reflects an estimate including personnel, it excludes budget line items: fringe, travel, contractual, equipment, supplies, or other.  
Refer to line item budget for more details.

LINE ITEM	CALCULATION	EPA REQUEST
<b>PERSONNEL</b>		
Program Director	\$44.25/hour x 40	1,770
Environmental Specialist II	\$23.38/hour x 520	12,158
Environmental Crew x 3	\$15.06/hour x 208 x 3	9,397
Environmental Specialist I x 2	\$19.32/hour x 208 x 2	8,037
Environmental Secretary	\$17.57/hour x 60	1,054
<b>Subtotal Personnel</b>		<b>32,416</b>
<b>Fringe Benefits</b>		
Medicare	0.0145	470
Social Security	0.062	2,010
SUTA	0.018	583
SIIS	0.0221	716
Health Insurance	\$785.00/month x 12 months x 0.81FTE	7,630
Liability Insurance	\$42/month x 12 x 1yr	480
Vacation Liability	0.06	2,172
Retirement Plan	0.06	2,172
<b>Subtotal Fringe Benefits</b>		<b>16,233</b>
<b>Subtotal Personnel &amp; Fringe</b>		<b>48,649</b>
<b>TRAVEL</b>		
Local travel (to each of the four communities for events and education)	1,000 x 0.555 miles	555
Non-local travel	EPA HW Training and EPA Conference	1,500
<b>Subtotal Travel</b>		<b>2,055</b>
<b>SUPPLIES</b>		
General Office Supplies	\$83.33 per month x 12 months	1,000
<b>Subtotal Supplies</b>		<b>1,000</b>
<b>OTHER</b>		
Hazardous Waste Disposal Fees		8,585
Communications/ Maintenance, operations and repairs	Telephone, postage, cell phones, internet, mail, elec. webpage, maintenance, sec. system (\$125.17 per month x 12 months)	1,502
<b>Subtotal Other</b>		<b>10,087</b>
<b>TOTAL DIRECT COST</b>		<b>61,791</b>
<b>TOTAL INDIRECT COST</b>	(11.97% minus contractual & equipment)	7,396
<b>TOTAL PROJECT/PROGRAM COST</b>		<b>69,187</b>

*Washoe Tribe of Nevada & California*  
*EPA CWA 106 Program FY13*

**Introduction**

The Washoe Tribe of Nevada and California is a federally recognized Indian Tribe organized pursuant to the Indian Reorganization Act of June 18, 1934, as amended. The Tribe has four communities, three in Nevada and one in California (Stewart, Carson, Dresslerville, and the Woodfords). In addition, there is a Washoe community located within the Reno-Sparks Indian Colony and the Tribe has jurisdiction over trust allotments in both Nevada and California, and other tribally owned trust parcels. The Tribe's aboriginal territory extends to the west of Lake Tahoe Basin, north to Honey Lake, east in the Pine Nut Mountains and south to Antelope Valley, California. Many tribal members continue to use resources within the aboriginal territory in the same manner, as did their ancestors. Today, mining, ranching, recreation and urban development are adjacent or near to Tribal lands and directly influences the Tribe's efforts to protect their environment, especially in the areas of surface and ground water quality.

The environmental objectives identified by the Tribe are to build the capacity of the Tribal government to address threats to Washoe natural resources by developing comprehensive environmental programs and hiring and training Tribal members to administer those programs. The Tribe has strove in efforts to build strong partnerships with federal, state and local government entities responsible for protecting and regulating the environment within their respective jurisdictions so that Tribal concerns and needs will be incorporated into the plans and regulations of the partners. To develop programs that will allow the Tribe to become economically independent in ways that will not degrade the environment. Involvement of the Tribal communities, especially Tribal youth, is imperative in formulating and applying Washoe stewardship values that have since time immemorial protected the Tribe's environment.

**Summary of Progress**

The Washoe Environmental Protection Department was established into the Tribal governmental structure in 1998. The CWA Section 106 Program was established utilizing GAP funding and gained program authorization in 1999. The environmental program has focused on building Tribal capacity to identify and address the numerous environmental issues that challenge the Tribe now and in the future. These issues arise from several sources; because tribal land is located in areas where adjacent commercial and residential development severely affects environmental quality of the Tribe's resources. Also, the Tribe itself is committed to the goal of economic independence and is seeking economic growth and development in ways that will not adversely affect the environment.

The Washoe Tribe has a long commitment to the restoration of tribal lands and the traditional homelands. Several laws, plans, and monitoring activities have been implemented to protect the environment of Tribal lands have been established, list of examples including:

1. Planning Development System
2. Water Code and Draft Revisions (Water Resources Code)
3. Environmental Protection Code
4. Land Use Management Plan
5. Nonpoint Source Assessment and Management Program
6. Sampling and Analysis Plan for the Water Quality Monitoring Program
7. Submitted draft Water Quality Standards (2001)

8. Unified Watershed Assessment
9. Preliminary Water Quality Data Report
10. Developed a community outreach program.
11. Surface water datalogger installation and monitoring.
12. Surface water quality monitoring.
13. Emergency Operations Plan
14. State Level Multi Hazard Mitigation Plan
15. Wellhead Protection Program
16. Wetlands Inventory and mitigation strategy
17. NPDES stormwater monitoring/planning and construction permitting/monitoring
18. Database Management for water resources and reporting
19. NPDES Stormwater Plan for Clear Creek (TC approved 2009)
20. NPDES Stormwater Plan for Indian Creek
21. Developed a Monitoring Strategy for the Water Resources Program
22. Submitted Revised Legal Opinion for WQS (2010) EPA approved 2011
23. Submitted Revised QAPP/SAP (2013)

WEPD with the support of the Tribal Council has initiated many specific environmental restoration and protection projects (streambank restoration, abandoned well closures, groundwater monitoring, stormwater monitoring, and chemical and biological monitoring of surface water) to protect groundwater and surface water quality. An emphasis has been placed on protection of the Carson River and Clear Creek Watersheds where the Tribe has joined forces with federal, state, and local governments on water quality, air quality, and bank stabilization projects. Additionally, the Tribe has worked with Tribal elders and the children on the restoration and recording of the knowledge base of traditional and customary stewardship and practices and worked with federal, state, local, and private parties to ensure the protection of traditional Washoe natural resources, including gathering areas and native vegetation.

The development of Water Quality Standards and obtaining TAS status for Water Quality Standards Program to protect public health and welfare, traditional customary uses, enhance the quality of water, and serve the purposes of the Clean Water Act (CWA) is a future goal. Completion of CWA Sections 301/401 certifications following the 40.CFR 131.8 will work with the General Counsel in completing under the regulatory provisions 40 CFR 181.8(b)92(ii) and 40 CFR 131.8 (b)(4)(iv) will advance the Tribe's TAS application and strengthen the ability to permitting and enforcement actions within tribal waters. Over time, water quality monitoring has shown seasonal trends in parameters such as high turbidity, temperature, bacterial levels in the Carson River and in the Clear Creek water systems. The Tribe's SAP and QAPP are intended to provide a systematic means to obtain and evaluate data that will allow the Tribe to more effectively manage its surface water resources thus the importance of on-going monitoring. Wetland and Stormwater monitoring are two additional tasks that have been very successful under this program in the past. The WEPD is working to meet EPA's Final Guidance on Awards of Grants to Indian Tribes under the section 106 CWA including strategizing and data analysis and management. EPA should realize that the Tribal funding needs to maintain water resource programs is severely under met and additional requirements are included in the un-met costs. Climate Change strategies for adaptation needs to be included in all the natural resource plans. The NPS Update is included as a task in the workplan. The Sustainable Region 9 Greening Grants Policy measures will be reported on quarterly and the SF424A outlays the reasonable outlay strategy. The WEPD will continue through FY13 and beyond to build a strong water resources program to protect the Tribe's water resources.

The budget detail and work plan for FY13 are attached and follow the Guidance format.

**WASHOE TRIBE OF NEVADA & CALIFORNIA**  
**EPA CLEAN WATER ACT § 106 FY13**  
**PROPOSED WORKPLAN PER 40 CFR 35.507**  
**JULY 1, 2013 THROUGH JUNE 30, 2014**

DESCRIPTION OF TASKS & ACTIVITIES	OUTPUTS & TARGET DATES	START & END DATES	ESTIMATED PERSON/YRS (2080 = 1 YR)	EST. COST (FY13)
<p><b>Task 1. Program Fiscal Administration (Intermediate)</b>  <b>EPA Strategic Plan Goal 2 Objective 2.2.: Protect and Restore Watersheds and Aquatic Ecosystems</b></p> <p><i>Purpose and Need:</i> As a CWA 106 recipient, the Tribe is required to adhere to administrative requirements identified in 40 CFR Part 31 and OMB Circular A-87.</p> <p><i>Goals and Objectives:</i> The goal of this task is to ensure the Tribe follows applicable administrative requirements. Our objectives are to identify administrative requirements associated with EPA agreements.</p> <p><i>Approach/Responsibilities:</i> The WEPD director will coordinate with the Tribal Grants Compliance Accountant and Finance Director regarding fiscal management and financial reporting.</p> <p><i>Activities:</i> 1. Complete Financial Status Reports as required. 2. Complete annual DBE. 3. Administration of expenditures in coordination with tribal accountant. 4. Work with Finance to complete FFATA paperwork.</p> <p><i>Environmental Outcomes/Results:</i> This task will facilitate Tribal compliance with federal requirements.</p>	<ol style="list-style-type: none"> <li>Financial Status Report (Quarterly with final 90 days after end date to EPA GMO)</li> <li>DBE (10/30/13 and 90 days after end date (6/30/15) to EPA GMO)</li> <li>FFATA Report due 30 days following the award date.</li> </ol>	<p>7/1/13-6/30/14</p> <p>7/1/13-6/30/14</p> <p>7/1/2013-9/1/2013</p>	<p>PD 95 hrs ES II 377 hrs CA 150 hrs AA 110 hrs</p> <p>Total: 732 hrs</p>	<p>\$4,204 \$ 8,814 \$1,980 \$1,933</p> <p>Total: \$16,931</p>
<p><b>Task 1a. Summarize Progress; Program Evaluation</b></p> <p><i>Purpose and Need:</i> Progress reports are necessary to evaluate the effectiveness of our Water Quality Program. The Tribe is required to submit quarterly progress reports to the EPA and jointly evaluate grant accomplishments with the EPA Project Officer. In addition, WEPD is required to submit monthly progress reports to the Tribal Council and will perform an internal program self-evaluation.</p> <p><i>Goals and Objectives:</i> To keep the Tribe and EPA informed of WEPD accomplishments, expenditures, challenges, and activities.</p> <p><i>Approach/Responsibilities:</i> The WEPD will submit monthly reports to the Tribal Council and quarterly reports to the EPA. The Tribe's fourth quarter "year end" report will assess the progress and accomplishments for the entire year. The EPA Project Officer will review WEPD quarterly reports and will provide a written evaluation "end of year report" of WEPD progress under the 106 agreement. A draft of the EPA Project Officer's evaluation will be submitted to the Environmental Director for review prior to being finalized and sent to the Tribal Chairwoman. The WEPD will review any new guidelines and rules that will directly impact water resource programs.</p> <p>Quarterly reports will contain the following information:</p> <ul style="list-style-type: none"> <li>Comparison of actual vs. expected progress achieving environmental outcomes and outputs, for each work plan task.</li> <li>Explanations for lack of progress (or anticipated lack of progress) if applicable.</li> <li>Suggestions for improving grant performance or modifying expectations (including proposed changes to target due dates) if necessary.</li> <li>Status of expenditures (cumulative) for reporting period and explanations of cost overruns/under-runs if applicable. Review of reasonable outline strategy.</li> <li>Program Goals and Objectives and measurable practices with Sustainable R9 Greening Grants Policy</li> </ul>	<ol style="list-style-type: none"> <li>Quarterly Reports to EPA (9/30/13, 12/31/13, 3/31/14, 6/30/14)</li> <li>Year End Report (due 90 days after the 6/30/14 end date)</li> <li>Tribal Council Reports are due the first week of every month. Reports will be provided with each quarterly report.</li> </ol>	<p>7/1/13-6/30/14</p> <p>5/30/14-6/30/14</p> <p>7/1/13-6/1/14</p>		



**WASHOE TRIBE OF NEVADA & CALIFORNIA  
EPA CLEAN WATER ACT § 106 FY13  
PROPOSED WORKPLAN PER 40 CFR 35.507  
JULY 1, 2013 THROUGH JUNE 30, 2014**

<p><i>Environmental Outcomes/Results:</i> This task will keep WEPD and the Tribe in compliance with federal reporting requirements.</p> <p><b>Task 1b. Program Capacity-Building and Coordination</b>  <i>Purpose and Need:</i> To coordinate and schedule WEPD 106 program tasks and activities with other environmental program activities for long and short term planning.</p> <p><i>Goals and objectives:</i> To meet the goal of the CWA 106 program to assist tribes in developing the capacity to administer their own water quality programs and to develop and implement solid water resource programs in accordance with the Tribe's goals.</p> <p><i>Approach/Responsibilities:</i> The WEPD Director and Coordinator will schedule and coordinate program activities. The WEPD Director and Coordinator will hire and provide training opportunities to staff, hold staff meetings, draft RFP and develop contracts as necessary. The General Counsel will review and make any modifications on contracts along with other administrative staff per the Tribe's Contracting Process. The WEPD staff will attend Tribal managers meetings and work with the Tribal Liaison Office on NDEP matters. The WEPD Administrative Assistant and Secretary will assist with arranging, travel, training, and record keeping of program activities. The WEPD Director, Coordinator and staff will research and draft environmental grant proposals to assist with meeting the water resources program goals and objectives. There is a new staff member within the water resources program so staff training is crucial. Training is needed also for properly responding to WQS new requirements on responses and putting a guideline in place to meet the requirements etc.</p> <p><i>Environmental Outcomes/Results:</i> This task will assist in building Tribal capacity and coordination of WEPD program activities.</p>	<p>1. Status of activities will be summarized in quarterly reports.</p>	<p>7/1/13 -6/30/14</p>		
Education Outreach and Consultation Component	OUTPUTS & TARGET DATES	START & END DATES	ESTIMATED PERSON/YRS (2080 =1 YR)	EST. COST (FY13)
<p><b>Task 2. Consultation (attend meetings, trainings, and workshops) (Intermediate/Mature)</b>  <b>EPA Strategic Plan Goal 2 Objective 2.2: Protect and Restore Watersheds and Aquatic Ecosystems</b></p> <p><i>Purpose and Need:</i> Federal Indian Policy supporting the primary role of Tribal Governments in matters affecting American Indian reservations. That policy stressed two related themes: 1) that the Federal Government will pursue the principle of Indian "self-government" and 2) that it will work directly with Tribal Governments on a "government to government" basis. This has assisted the Tribe in the development of several Memorandum Agreements, Memorandum of Understands, and Special Use Permits with federal, state, and local governments. The Tribe will continue to pursue building relationships and agreements thus strengthening Tribal capacity and protection of water resources. Tribal outreach and education regarding water resources is critical for the future of the Tribe.</p> <p><i>Goals and objectives:</i> This task includes all activities necessary to continue to build Tribal capacity by</p>	<p>1. Copy of WEPD calendar with consultation meetings attended will be attached to each quarterly report.</p> <p>2. Brief summary quarterly of major events or developments.</p> <p>3. Copy of presentations and public outreach materials will be provided quarterly on CD.</p>	<p>7/1/13-6/30/14</p> <p>7/1/13-6/30/14</p> <p>7/1/13-6/30/14</p>	<p>PD 300 hours ES II 383 hours CA 40 hours AA 40hours</p> <p>Total: 763 hrs</p>	<p>\$13,275 \$8,955 \$528 \$703</p> <p>Total: \$23,461</p>

**WASHOE TRIBE OF NEVADA & CALIFORNIA  
EPA CLEAN WATER ACT § 106 FY13  
PROPOSED WORKPLAN PER 40 CFR 35.507  
JULY 1, 2013 THROUGH JUNE 30, 2014**

<p>developing federal, state and local government partners through consultation with the outcome of joint planning and cooperative agreements for water resource protection. In addition to educating the tribal community of water resource protection efforts. Participate in the local water resources stakeholder groups. WEPD staff will attend trainings and workshops to build capacity.</p> <p><i>Approach/Responsibilities:</i> The WEPD staff will attend meetings, conferences, workshops to assure Tribal water resource interests are protected and continue building Tribal capacity. The General Counsel's department will assist with the language and formation of cooperative agreements or contracts. Forums for information exchange with the new Tribal and Community Councils' is important to future program planning including agreements. Tribal Council has the final review and approval over the agreements. WEPD staff will review and monitor local efforts pertaining to storm water planning, TMDL designations, and review NPDES permits that may impact Tribal water resources. WEPD staff will develop and present water quality outreach products to Washoe Communities and host the annual Washoe on the River Day or Snap Shot Day. WEPD staff will submit water pollution prevention information in the Tribal Newsletters and WEPD brochures and webpage. WEPD staff will continue to monitor the water protection hotline and up date the WEPD website.</p> <p><i>Environmental Outcomes/Results:</i> This task will assist in building Tribal capacity by strengthening partnerships with federal, state, and local organizations. This task will also meet public notice requirements needed for water quality standards.</p> <p><b>Task 2a. Response to Actions</b></p> <p><i>Purpose and Need:</i> Federal Indian Policy supporting the primary role of Tribal Governments in matters affecting American Indian reservations. That policy stressed two related themes: 1) that the Federal Government will pursue the principle of Indian "self-government" and 2) that it will work directly with Tribal Governments on a "government to government" basis. This has assisted the Tribe in protecting Tribal water resources throughout the aboriginal territory.</p> <p><i>Goals and objectives:</i> This task consists of reviewing, researching, and taking action on proposed federal and non federal projects throughout Washoe territory. Review actions that are within the Tribal aboriginal territory and actions that may directly impact Tribal water resources. Coordinate with other Tribal programs and seek input. This takes a significant amount of time and effort. Examples include 395 By-Pass, Clear Creek Watershed, NPDES and point and non point source issues, FERC, and Forest Service Actions, etc.</p> <p><i>Approach/Responsibilities:</i> WEPD staff will coordinate meetings if necessary between the Tribe and the responsible parties that are responsible for the action (e.g. Clear Creek Development) and agencies with jurisdiction over the area. The legal staff will assist with legal proceedings; provide legal advice, and review or assist with drafting response letters. As necessary, the Tribal Chairwoman will prioritize responses, provide direction, review and authorize responses, assist in negotiations, and press releases. The EPA Project Officer will review documentation provided regarding Tribal concerns with actions, evaluate if EPA can assist, and attend important meetings if necessary. WEPD staff will up-date the Cultural Committee and Tribal Council as necessary. Educating the Communities on such actions will assist WEPD staff and Tribal Officials with making decisions on approaching actions. WEPD staff will request regular meetings with NDEP staff through coordination with the Tribal Liaison regarding water quality standards and NPDES and point source topics. WEPD staff will review proposed TMDLs for waters within the aboriginal territory, and</p>	<ol style="list-style-type: none"> <li>1. Numbers and types of response to actions will be included in quarterly reports.</li> <li>2. A status summary will be submitted with quarterly reports.</li> </ol>	<p>7/1/13 -6/30/14</p> <p>7/1/13 -6/01/14</p>		
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**WASHOE TRIBE OF NEVADA & CALIFORNIA  
EPA CLEAN WATER ACT § 106 FY13  
PROPOSED WORKPLAN PER 40 CFR 35.507  
JULY 1, 2013 THROUGH JUNE 30, 2014**

<p>review of local NPDES and Army Corp. permits that potentially impact Tribal water resources.</p> <p><i>Environmental Outcomes/Results:</i> It is imperative that the Tribe be a strong participant in the planning efforts to protect tribal natural resources and historical areas. Comments provided by the Tribe on proposed actions have given the Tribe a "voice". If this did not occur there would be a perception that the Tribe does not care. In addition negotiations may lead to mitigating impacts to Tribal water resources.</p> <p><b>Task 2b. Regional Operations Committee and National Tribal Operations Committee</b>  <i>Purpose and Need:</i> The Regional Tribal Operations Committee (RTOC) is the Regional counterpart to the National Tribal Operations Committee (NTOC). The RTOC does not replace direct Tribal to EPA relationships, nor does it constitute a forum for consultation between the federal government and Tribes. The Tribes in Nevada have nominated and elected the WEPD Director to represent the Tribal environmental concerns in Nevada during the last three terms on both the RTOC and NTOC.</p> <p><i>Goals and objectives:</i> The RTOC goals include:</p> <ul style="list-style-type: none"> <li>• Enhance government –to-government relationships between EPA and all Tribes.</li> <li>• Promote and strengthen the inherent ability and continuing efforts of Tribes to manage programs to provide environmental and public health protection.</li> <li>• Assist EPA in meeting the principles of the EPA Indian Policy of 1984.</li> <li>• Foster and encourage a partnership between EPA and Tribal governments, and build relationships to improve environmental and public health protection on Indian lands. It will demonstrate leadership in federal agency and Tribal government relations. It will provide a forum to:</li> <li>• Develop strategies and recommendations for Regional resources and operating policies, based on Tribal and EPA experiences; and</li> <li>• Foster better understanding and bridge gaps between EPA and Tribal government cultures.</li> </ul> <p><i>Approach/Responsibilities:</i> The WEPD Director and/or alternate will attend RTOC and NTOC meetings and participate on workgroups. The WEPD Director and/or alternate, and may ask the EPA Project Officer to attend Nevada Tribal Environmental Managers and meetings and will assist with the coordination of such meetings. The WEPD Director will perform duties as required as an elected RTOC and NTOC representative for Nevada Tribes (26 represented). The WEPD Director will provide information and reports to the other NV RTOC representatives and coordinate duties with the Nevada NTOC alternate. The WEPD Director and/or alternate will up-date the Tribal Chair quarterly on RTOC and Tribal Council if necessary. The WEPD secretary and administrative assistant will organize and coordinate travel, communication with Nevada Tribes, and record keeping. The WEPD staff will provide any assistance needed on researching issues and other activities as necessary. The Tribal Chairwoman or elected Tribal Council member will provide direction, support, and will attend RTOC and other key meetings as they see necessary. The WEPD Director and/or designated staff will participate on RTOC subcommittees concerning water quality and groundwater protection.</p> <p><i>Environmental Outcomes/Results:</i> This task will assist the Tribe and other Tribes in the region to protect water resources by participating in EPA budgeting process, strategic planning, and review of possible changes to federal regulations concerning water resources.</p>	<p>1. A status summary will be submitted with quarterly reports.</p>	<p>7/1/13-6/30/14</p>		
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EPA CLEAN WATER ACT § 106 FY13  
PROPOSED WORKPLAN PER 40 CFR 35.507  
JULY 1, 2013 THROUGH JUNE 30, 2014**

Monitoring & QAPPS/ SAPS	OUTPUTS & TARGET DATES	START & END DATES	ESTIMATED PERSON/YRS (2080 =1 YR)	EST. COST (FY13)																					
<p><b>Task 3. Water Quality Monitoring &amp; Quality Assurance (Intermediate)</b> <i>EPA Strategic Plan Goal 2 Objective 2.2: Protect and Restore Watersheds and Aquatic Ecosystems</i></p> <p><b>Purpose and Need:</b> The Tribe has an EPA and Tribal approved Sampling and Analysis Plan for the Quality Assurance Program Plan that outlines the methods and protocols for the water quality sampling efforts needed to monitor water quality on Tribal trust lands.</p> <p><b>Goals and objectives:</b> This task includes activities to continue the development of water quality protection on Tribal surface waters with the assistance of the approved QAPP and SAP. In addition this task includes assessing the environmental impacts to Tribal water resources that have been identified from the previous years work and will provide the basic information necessary to develop management objectives and prioritize activities for future grants to address non-point source water pollution and other water quality issues. QAPP and the SAP will be continually monitored and will be updated and revised as future expansion of sampling sites which will include any new Tribal lands with surface waters and stormwater monitoring sites.</p> <p><b>Approach/Responsibilities:</b> The approach is outlined in the SAP &amp; QAPP. WEPD staff will conduct monitoring activities according to the approved SAP. The WEPD staff will input monitoring results into database and will analyze results. The WEPD staff will participate in Tribal Strategic Planning activities and assist with the development of the plans through providing information on the Tribal water resources. WEPD staff will identify and monitor any significant impacts to Tribal water resources that need further investigation. Lake sampling needs to be added to the QAPP for the Tribal waters within Lake Tahoe. Coordination with the other jurisdictions at Lake Tahoe will continue to build the monitoring program. WEPD will work with local tribes with continuous dataloggers on data management that will improve the current method. WEPD will compile and identify data gaps, complete field activities as needed, coordinate with other Tribal programs, services and enterprises. WEPD staff will develop an Annual Water Quality Assessment Report for 2013 by completing the WQAR template, will compile data into WQX submittal format for EPA and review the Multi-Year Water Resource Plan to evaluate program following the 106 Guidance and identify technical studies that should be completed in following years. In addition, WEPD staff will continue efforts to incorporating data into the Environmental Exchange Network the next phase will include the biological monitoring. WEPD staff will continue to work with R9 WQX Coordinator to assure a smooth transition into the newly developed databases. This process will identify areas that can be improved with additional monitoring and build WEPD's technical capacity. WEPD GIS Specialist will assist with mapping and database management. WEPD staff will continue to research available data along the watersheds located within the tribal territory.</p> <p><b>Environmental Outcomes/Results:</b> To determine the physical, chemical, and biological conditions of Tribal water resources and evaluate them against water quality indicators. In addition, to maintain QA with monitoring activities to assist in protection of Tribal water resources.</p>	<ol style="list-style-type: none"><li>1. Annual Water Quality Assessment Report for 2013 (WQAR template) as Identified in the Fundamental and Intermediate Reporting Parameters (according to the 106 Guidance).</li><li>2. Copies of the WQX transaction receipts or submittal reports for submission of required data to WQX.</li><li>3. Quarterly Reports will include a description of monitoring activities conducted.</li></ol>	<p>1/1/13–12/30/13</p> <p>1/1/13-12/30/13</p> <p>7/1/13 -6/30/14</p>	<table><tr><td>PD</td><td>5 hrs</td><td>\$221</td></tr><tr><td>ES II</td><td>965 hrs</td><td>\$22,562</td></tr><tr><td>CA</td><td>10 hrs</td><td>\$396</td></tr><tr><td>AA</td><td>70 hrs</td><td>\$1,230</td></tr><tr><td>C</td><td></td><td>\$12,000</td></tr><tr><td>WT Match</td><td></td><td>(\$8,684)</td></tr><tr><td colspan="2">Total: 1,150 hrs</td><td>Total: \$ 45,093</td></tr></table>	PD	5 hrs	\$221	ES II	965 hrs	\$22,562	CA	10 hrs	\$396	AA	70 hrs	\$1,230	C		\$12,000	WT Match		(\$8,684)	Total: 1,150 hrs		Total: \$ 45,093	
PD	5 hrs	\$221																							
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Water Quality Standards Program Component	OUTPUTS & TARGET DATES	START & END DATES	ESTIMATED PERSON/YRS (2080 =1 YR)	EST. COST (FY13)
<p><b>Task 4: Update 2009 Washoe Non Point Source Assessment and Management Program (Intermediate)</b>  <i>EPA Strategic Plan Goal 2 Objective 2.2: Protect and Restore Watersheds and Aquatic Ecosystems</i></p> <p><b>Purpose and Need:</b> The purpose of this component is to update the tribe's Nonpoint Source Management Program Plan. The Clean Water Act requires that the management plan cover at a minimum of a 4-year period, with the expectation that it will be updated in the fifth year. The Tribe has acquired additional lands which need to be incorporated into the updated plan which includes additional watersheds.</p> <p><b>Goals and objectives:</b> The primary goal of the Washoe Tribe's Nonpoint Source Assessment and Management Program is to identify, control, and abate the impacts of NPS pollution on the quality of the Tribe's surface and ground water resources. This goal will provide for the beneficial use of the surface and groundwater resources. Water quality, riparian and watershed condition must be managed to provide the opportunity for the Tribe to exercise beneficial and traditional uses.</p> <p><b>Approach/Responsibilities:</b></p> <ul style="list-style-type: none"> <li>The Environmental Director and Specialist II will draft a request for proposal for the NPSAM revision and complete review of responses and follow the tribal contracting procedures.</li> <li>ES II will oversee the contractor throughout the contract and will assist by providing NPS Program information to revise the plan.</li> <li>All watersheds within the Washoe lands need to be incorporated into the update. Complete the necessary research to inclusion.</li> <li>GIS will be utilized as much as possible and included in the update.</li> <li>WEPD will include climate change considerations are included in the update.</li> <li>ES II will review monitoring information and where possible enter into the environmental exchange network database.</li> <li>WEPD staff will review drafts of the contractor's update and submit comments to be incorporated into the plan.</li> <li>WEPD will coordinate with EPA Project Officer and Regional Counsel on Public Notice and Comment.</li> <li>The WEPD staff will complete internal tribal processes to submit an updated plan to EPA.</li> </ul> <p><b>Environmental Outcomes/Result:</b> Updating the NPS Assessment and Management Program maintains compliance with the CWA Section 319h Program guidelines. The NPS Program ties directly into Section 106 including on annual reporting with WQX.</p>	<ol style="list-style-type: none"> <li>Quarterly Reports will include a description of activities completed toward task completion.</li> <li>Draft WNPSAMP</li> </ol>	<p>7/1/13-6/30/14</p> <p>8/1/13 – 4/30/14</p>	<p>ES II 355 hrs C</p> <p>Total: 355 hrs</p>	<p>\$8,300 \$8,130</p> <p>Total: \$ 16,430</p>
<p>Program Director = PD  Environmental Specialist II = ES II  Administrative Assistant = AA  Clerical Assistant = CA  E/F/T/O/S=Equipment/Fringe/Other/Supplies  Indirect  WT 638  C = Contractual</p>	<p>*The due dates for deliverables corresponds with dates (month prior) that quarterly or annual reports are due to the EPA. Personnel time and cost is based on FY13 estimated budget. Workplan reflects an estimate including personnel it excludes budget line items: match, fringe, travel, contractual, equipment, supplies, or other. Refer to the attached Budget for more details.</p>		<p>Total Est. Cost: E/F/T/O/S: Indirect: Totals:</p>	<p>\$ 101,915 \$ 56,474 \$ 15,295 \$ 173,684</p>

Washoe Tribe of Nevada and California

EPA CWA 106 FY13

Budget

Personnel	Calculation	Request	Match
FTE Environmental Programs Director	\$44.25 x 400 hours	17,700	
Environmental Specialist II	\$23.38 x 2080 hours	48,630	
Environmental Specialist II P.L. 93-638 funding	\$23.38 x 100 hours		2,338
Clerical Assistant	\$13.20 x 220 hours	2,904	
Administrative Assistant	\$17.57 x 220 hours	3,865	
<b>Subtotal Personnel</b>		<b>73,099</b>	<b>2,338</b>
✓ <b>Fringe Benefits</b>			
FICA Medicare	0.0145	1,060	34
FICA Social Security	0.062	4,532	145
SUTA	0.018	1,316	42
SIIS	0.0221	1,615	52
Health Insurance	\$785.00/mo x 1.5 FTE x 12 months	14,130	1,176
Liability Insurance	\$42.00/mo x 1.5 FTE x 12 months	756	
Retirement Benefit	0.06	4,386	
Vacation Liability	0.06	4,386	
<b>Subtotal Fringe</b>		<b>32,181</b>	<b>1,449</b>
✓ <b>Total Personnel and Fringe</b>		<b>105,280</b>	<b>3,787</b>
✓ <b>Travel</b>			
Local Travel	7,000 x .565	3,995	
Non Local Travel	EPA An.Con., Water related trainings: airfare, fees, motel, per diem, rental car expenses. RTOC/NTOC	6,500	
<b>Subtotal Travel</b>		<b>10,495</b>	
✓ <b>Equipment</b>			
Lap top	DELL Inspiron with programs	1,800	
<b>Subtotal Equipment</b>		<b>1,800</b>	-
<b>Supplies</b>			
Departmental Supplies	\$150/mo x 12	1,800	
<b>Subtotal Supplies</b>		<b>1,800</b>	
<b>Contractual</b>			
Contractor	Task 4	8,130	
Laboratory Fees	Tasks 3 and 638 matching funds	12,000	3,100
<b>Subtotal Contractual</b>		<b>20,130</b>	<b>3,100</b>
✓ <b>Other</b>			
PL638 Monitoring/Field Equipment	use of GIS/GPS/Plotter, troll 9500, global water (w/16x), water testing equipment, and new equipment as needed		1,200
Cell Phone	\$100/mo x 12 mos x 2	2,400	
Vehicle Maintenance, Insurance and Registration		3,800	
Communications/ Maintenance, operations and repairs	Telephone, sewer/water, propane, electricity, internet, mail, etc.	4,000	
<b>Subtotal Other</b>		<b>10,200</b>	<b>1,200</b>
<b>Total Direct Charges</b>		<b>149,705</b>	<b>8,087</b>
Indirect Charges	11.97 of direct costs minus contractual and equipment	15,295	597
<b>Total Program Cost</b>		<b>165,000</b>	<b>8,684</b>

**Applicant Name and Address**  
Washoe Tribe of Nevada and California  
919 Highway 395 South  
Gardnerville, NV 89410

**Contact Person**  
Marie Barry, Environmental Director  
(775) 265-8682 Fax: (775) 265-3611  
Email: marie.barry@washoetribe.us

### **Introduction/Background**

The Washoe Tribe has a long commitment to the restoration of Tribal lands and the aboriginal homelands. The Washoe Environmental Protection Department (WEPD) has completed with approval from the Tribal Council and the Environmental Protection Agency (EPA) the Nonpoint Source Assessment and Management Program, the Sampling and Analysis Plan for the Water Quality Monitoring Program, and the Quality Assurance Project Plan. The Tribe has joined forces with federal, state, and local governments to protect the Carson River Watershed environment in areas such as water quality, air quality, bank stabilization, and wildlife habitat improvement. WEPD has also worked with Tribal elders and children on the restoration and recording of the knowledge base of traditional and customary stewardship and practices and incorporate native practices and vegetation in projects.

The Washoe Tribe has been awarded NPS 319h grant funding since 2000. WEPD through the NPS projects has thus far implemented Phases I - III of a multiple phased project at Stewart Ranch, Phases I – II at Stewart Community, Clear Creek, Carson Community Waterfall Fire Erosion Control Projects, and Stormwater Improvement Projects within the Carson River and Clear Creek Watersheds in Nevada. The WEPD received the 2004 Environmental Award for Outstanding Achievement from EPA IX for NPS efforts. The NPS Program is the most well-known Program within WEPD because of the immediate results and during implementation tribal members are known to show up ask questions and sometime assist in implementation. Examples of some results from our projects include sedimentation loading reductions new vegetative vigor or barrier, fencing around wellheads has protected the drinking water sources from potential contamination, stormwater impoundments and improvements have assisted with reduction of urban runoff pollutants and sedimentation, several demonstration projects including LID have been done at events such as Earth Day to show members how to improve NPS issues around their homes.

The Tribe's Nonpoint Source Program with NPS FY13 Base funding will be utilized for implementing green infrastructure at one location for stormwater. The Washoe NPS Assessment and Management Plan will be updated along with the Washoe Sections in the Carson River Watershed Plan. Under the EPA Region 9 Sustainable Greening Grants Policy this year the focus will be on Green/Meetings and Alternatives to Traditional Travel and Green Building and Construction Practices will be measured. The EPA Timely Obligation, Award, and Expenditure of EPA Grant Funds policy is included in Sections D and E of the SF 424A. The proposed implemented protects will assist in efforts towards protecting the Tribe's water resources as outlined in the Washoe Tribe of Nevada & California's Nonpoint Source Assessment and Management Program. The goals, objectives, outputs, results, timelines, and costs are detailed in the narrative work plan and detailed budget (attached).

**Washoe Tribe of Nevada & California**  
**EPA Nonpoint Source Program FY13**  
**Work Plan A Base**  
**October 1, 2013 through September 30, 2014**

Description of Components & Activities	Deliverables/Outputs & Target Dates	Dates		Estimated person/yr (2080 hrs/yr)	Estimated Cost *
		Start	End		
<p><b>Component 1. Summarize Progress; Program Annual Evaluation/Fiscal Admin.</b>  <b>EPA Strategic Plan Goal 2 Objective 2.2.: Protect and Restore Watersheds and Aquatic Ecosystems</b></p> <p><i>Purpose and Need:</i> Progress reports are necessary to evaluate the effectiveness of our NPS Program. The Tribe is required to submit quarterly progress reports to the EPA and jointly evaluate grant accomplishments with the EPA Project Officer. In addition Washoe Environmental Protection Department (WEPD) is required to submit monthly progress reports to the Tribal Council. As a NPS Program recipient, the Tribe is required to adhere to administrative requirements identified in 40 CFR Part 31, OMB Circular A-87, EPA Timely Obligation, Award, and Expenditures of EPA Grant Funds Policy, and Sustainable Region 9 Greening Grants Policy.</p> <p><i>Goals and Objectives:</i> Meet federal administrative and reporting requirements under the NPS Program. The objective is to keep the Tribe and EPA informed of the WEPD's NPS Program accomplishments, expenditures, challenges, and activities.</p> <p><i>Approach/Responsibilities:</i> The WEPD will submit monthly reports to the Tribal Council and quarterly reports to the EPA. The Tribe's last quarter "final" report will assess the progress and accomplishments for the entire project period. The EPA Project Officer will review WEPD quarterly reports and will provide a written evaluation "end of year report" of WEPD progress under the NPS agreement. A draft of the EPA Project Officer's evaluation will be submitted to the Environmental Director for review prior to being finalized and sent to the Tribal Chair.</p> <p>Quarterly reports will contain the following information:</p> <ul style="list-style-type: none"> <li>• Task Goals and Objectives.</li> <li>• A discussion of accomplishments as measured against the work plan commitments and anticipated environmental outputs and outcomes, for each work plan task.</li> <li>• A discussion of the cumulative effectiveness of the work performed under all work plan components.</li> <li>• A discussion of existing and potential problem areas.</li> <li>• Suggestions for improvement, including, where feasible, schedules for making improvements.</li> <li>• Status of expenditures (cumulative) for reporting period and explanations of cost overruns/under-runs if applicable. Including meeting the reasonable outlay strategy and Sustainable Region 9 Greening Grants Policy.</li> </ul> <p><i>Environmental Outcomes/Results:</i> This task will keep WEPD and the Tribe in compliance with federal reporting requirements and evaluate performance under this agreement.</p>	<ol style="list-style-type: none"> <li>1. Quarterly Reports to EPA (12/31/13, 3/31/14, 6/30/14, 9/30/14)</li> <li>2. Final Report (Annual Report) (9/30/14 (90 days after end date)</li> <li>3. Tribal Council Reports are due the first week of every month. Reports are available upon request by EPA Project Officer.</li> <li>4. Financial Status Report (quarterly and 90 days after end date)</li> <li>5. DBE (10/30/14 and 90 days after end date)</li> <li>6. FFATA Report due 30 days following the award date.</li> </ol>	10/1/13	9/30/14	PD: \$44.25 x 10/hr PC: \$33.25 x 5/hr ES II: \$23.38 x40/hr S/F/T/O/E/I:  Total hours: 55	\$ 443 \$ 166 \$ 935 \$1,200  Total: \$ 2,744

\*Program Director = PD  
 Program Coordinator = PC  
 Environmental Specialist II = ES II  
 Contractor = C

S /F/O/T/E/I= Supplies/Fringe/Other/Travel/Equipment, and Indirect  
 AA = Administrative Assistant  
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Revised May 30, 2013



**Washoe Tribe of Nevada & California**  
**EPA Nonpoint Source Program FY13**  
**Work Plan A Base**  
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Description of Components & Activities		Deliverables/Outputs & Target Dates		Dates Start                  End		Estimated person/yr (2080 hrs/yr)	Estimated Cost *
<b>Component 2. Program Capacity-Building and Coordination</b> <b>EPA Strategic Plan Goal 2 Objective 2.2.: Protect and Restore Watersheds and Aquatic Ecosystems</b>  <i>Purpose and Need:</i> To coordinate and schedule WEPD NPS program tasks and activities with other environmental program activities for long and short term planning.  <i>Goals and objectives:</i> To meet the goal of the NPS Program to assist tribes in developing the capacity to manage their own NPS Programs and to develop and implement BMP measures to minimize impacts to water resources. In addition to educating the tribal community on the importance of water quality protection and NPS Program.  <i>Approach/Responsibilities:</i> <ul style="list-style-type: none"><li>The WEPD Director and Coordinator will schedule and coordinate program activities. The WEPD Director and Coordinator will hire/train staff, hold staff meetings, and maintain the administrative record with the Tribal Finance Department.</li><li>The WEPD staff will attend the Nevada Tribal managers meetings and other meetings regarding NPS. WEPD staff will evaluate and assist with recommendations on local stormwater issues that are impacting Tribal resources (e.g. Lake Tahoe, Carson River, and Clear Creek) In addition; staff will assist other NV Tribes with NPS technical assistance. The WEPD Administrative Assistant will assist with arranging, travel, training, and record keeping of program activities. WEPD will, when possible, utilize green conferences/meetings and alternatives to traditional travel and report in the % of trips offset by conference calls, video conferences and web conferences.</li><li>The WEPD Director and Coordinator will research and draft environmental grant proposals to assist with meeting the goals and objectives.</li><li>WEPD staff will attend NPS workshops and trainings related to implementation. WEPD staff will complete NPS educational activities within the four tribal communities and other events such as Earth Day and Washoe on the River Day.</li><li>WEPD staff will work with CRC and other Stakeholders to update the Carson River Watershed Plan with project information.</li></ul> <i>Environmental Outcomes/Results:</i> This task will assist in building Tribal capacity and coordination of WEPD program activities and educate community members regarding NPS Program and issues impacting tribal lands.		1. Status of activities will be summarized in quarterly reports.  2. List of trainings and meeting calendars will be provided with quarterly reports.  3. Copies of presentations, and developed educational materials will be provided quarterly.		10/1/13	9/30/14	PD: \$44.25 x 10/hr PC: \$33.25 x 20/hr ES II: \$23.38 x 80/hr S/F/T/OE/I:  Total hours:      110	\$ 443 \$ 665 \$1,870 \$1,500  Total: \$4,478

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Description of Components & Activities	Deliverables/Outputs & Target Dates	Dates		Estimated person/yr (2080 hrs/yr)	Estimated Cost *
		Start	End		
<p><b>Component 3. Update 2009 Washoe Non Point Source Assessment and Management Program</b>  <i>EPA Strategic Plan Goal 2 Objective 2.2.: Protect and Restore Watersheds and Aquatic Ecosystems</i></p> <p><b>Purpose and Need:</b> The purpose of this component is to update the tribe's Nonpoint Source Management Program Plan. The Clean Water Act requires that the management plan cover at a minimum of a 4-year period, with the expectation that it will be updated in the fifth year. The Tribe has acquired additional lands which need to be incorporated into the updated plan which includes additional watersheds. The Tribe's CWA Section 106 will provide additional resources to complete this task which with NPS Base funding is very restrictive.</p> <p><b>Goals and objectives:</b> The primary goal of the Washoe Tribe's Nonpoint Source Assessment and Management Program is to identify, control, and abate the impacts of NPS pollution on the quality of the Tribe's surface and ground water resources. This goal will provide for the beneficial use of the surface and groundwater resources. Water quality, riparian and watershed condition must be managed to provide the opportunity for the Tribe to exercise beneficial and traditional uses.</p> <p><b>Approach/Responsibilities:</b></p> <ul style="list-style-type: none"> <li>The Environmental Director and Specialist II will draft a request for proposal for the NPSAM revision and complete review of responses and follow the tribal contracting procedures.</li> <li>ES II will oversee the contractor throughout the contract and will assist by providing NPS Program information to revise the plan.</li> <li>ES II will review monitoring information and where possible enter into the environmental exchange network database.</li> <li>ES II will provide updated project information to the Carson Watershed Coordinator for the watershed plan revision (completed annually).</li> <li>WEPD staff will review drafts of the contractor's update and submit comments to be incorporated into the plan.</li> <li>The WEPD staff will complete internal tribal processes to submit an updated plan to EPA.</li> </ul> <p><b>Environmental Outcomes/Result:</b> Updating the NPS Assessment and Management Program maintains compliance with the CWA Section 319h Program guidelines.</p>	<p>1. Status of activities will be summarized in quarterly reports.</p> <p>1.) Copy of revised WNPSAM due 9/30/14.</p>	<p>10/1/13</p> <p>7/1/14</p>	<p>9/30/14</p> <p>9/30/14</p>	<p>PD: \$44.25 x 10/hr  PC: \$33.25 x 15/hr  ES II: \$23.38 x 40/hr  In-Kind Match:  C  S/F/T/O/E/I:    Total hours: 75</p>	<p>\$ 443  \$ 499  \$ 935  (\$1,579)  \$4,001  \$1,200    Total: \$8,657</p>
<p><b>Component 4 Implementation of Green Infrastructure as BMP at two sites within the Dresslerville and Woodfords Communities.</b>  <i>EPA Strategic Plan Goal 2 Objective 2.2.: Protect and Restore Watersheds and Aquatic Ecosystems</i></p>				<p>PD: \$44.25 x 10/hr</p>	<p>\$443</p>

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EPA Nonpoint Source Program FY13  
Work Plan A Base  
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Description of Components & Activities	Deliverables/Outputs & Target Dates	Dates Start                  End	Estimated person/yr (2080 hrs/yr)	Estimated Cost *
<p><b>Purpose and Need:</b> A TANF facility was built within the Woodfords Communities without stormwater systems to assist in infiltration. WEPD has identified several opportunities to implement green infrastructure techniques as BMPs that will prevent water from transporting contaminants and causing erosion of soils.</p> <p><b>Goals and objectives:</b> The goal is to reduce potential contaminant sources and sediment transport from entering the Tribal waterways. The objective is to use green infrastructure including BMPs to address stormwater runoff around one facility (TANF).</p> <p><b>Approach/Responsibilities:</b> The following approach, activities and responsibilities will be completed by WEPD staff.</p> <ol style="list-style-type: none"> <li>1. The WEPD Director and Coordinator will assign personnel to completing sections of this task. Assign tasks to WEPD personnel and identify any possible modifications needed in work-plan. Complete time-table coordinating funding efforts. ESII will design projects with facility management input. Schedule the Tribal Conservation Crew to implement projects. Coordinate NPS Program activities with other WEPD activities. Administrative assistant will assist with record keeping and scheduling any necessary purchasing, travel, event or training arrangements.</li> <li>2. Construct implementation projects. <ol style="list-style-type: none"> <li>a. Develop design for two areas around facilities to incorporate green infrastructure utilizing BMPs to address erosion and potential contaminants including sediment control drainage channel areas; installation of BMP rock/chips and vegetative treatments.</li> <li>b. Work with partners in design and implementation.</li> </ol> </li> <li>3. Conduct training of tribal crews and volunteers. Identify materials to be used and make a timeline for collection or purchasing.</li> <li>4. Provide NPS Program educational opportunities (website, articles, events etc.) and BMP demonstration projects to tribal members. Host tours of project site for Tribal members, local watershed groups and others.</li> <li>5. Develop and conduct monitoring activities according to the Project Monitoring Plan. Utilize GPS/GIS WEPD staff to map areas and document implementation. Establish photo points.</li> </ol> <p><b>Environmental Outcome/Results:</b> It is anticipated that the projects implementation will result in reduced sediment delivery, reduced delivery of nutrient and increased tribal knowledge of green infrastructure and BMP techniques through education and outreach activities. These results will benefit surface and ground water quality and function, in addition to improving stormwater infiltration within the Carson River Watershed.</p>	<ol style="list-style-type: none"> <li>1. Status of activities will be summarized in quarterly reports.</li> <li>2. Final report including implemented projects with calculated infiltration amounts per site. (Due 90 days from end date)</li> </ol>	<p>10/1/13                  9/15/14</p> <p>8/1/14                  9/30/14</p>	<p>PC: \$33.25 x 15/hr ES II: \$23.38 x 86/hr CC: \$15.06 x 40hr x 4 S/F/O/E/I</p> <p>Total hours                  151</p>	<p>\$499 \$2,011 \$2,410 \$10,337</p> <p>Total                  15,700</p> <p>Federal Cost: \$30,000 In-Kind Match: \$1,579 <u>Total Project Cost:</u> <u>\$31,579</u></p>

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Washoe Tribe of Nevada California  
EPA NPS 319h FY13 PPG  
Base

LINE ITEM	CALCULATION	EPA REQUEST	INKIND MATCH
<b>Personnel</b>			
Environmental Department Director	\$44.25/hour x 40	1,770	
Environmental Coordinator	\$33.25/hour x 40	1,330	
1 FTE Environmental Specialist II	\$23.38/hour x 250	5,845	
Washoe Conservation Crew	\$15.06 x 40 x 4 crew members	2,410	
<b>Subtotal Personnel</b>		<b>11,355</b>	
<b>Fringe Benefits</b>			
FICA Medicare	0.0145	165	
FICA Social Security	0.062	704	
SUTA	0.018	204	
SIIS	0.0221	251	
Health Insurance	1FT @ \$578.00mo x 6mo	3,468	
Liability Insurance	\$40/mo x 1/12	240	
Vacation Liability	.125 of salaries	1,419	
Retirement Plan	.06 of salaries	731	
<b>Subtotal Fringe</b>		<b>7,182</b>	
<b>Subtotal Personnel &amp; Fringe</b>		<b>18,537</b>	
<b>Operating Costs</b>			
Travel (local)	1,000 miles x \$.55	550	
<b>Subtotal Travel</b>		<b>550</b>	
<b>Supplies</b>			
Office Supplies	general office supplies	238	
Materials for Green Inf/BMPs	Task 4	3,268	
<b>Subtotal supplies</b>		<b>3,506</b>	
<b>Contractual</b>			
Contractor for NPS Update	Task 3	4,072	
Washoe Tribe Task 3 Inkind Match BIA 638 funds	Task 3		1,579
<b>Subtotal Contractual</b>		<b>4,072</b>	<b>1,579</b>
<b>Other</b>			
Communications and maintenance	phones,elec, internet, postage etc.	600	
<b>Subtotal other</b>		<b>600</b>	
<b>Total Direct Costs</b>		<b>27,265</b>	<b>1,579</b>
Indirect costs @11.79% minus contractual and equipment		2,735	
<b>Total Project Costs</b>		<b>30,000</b>	<b>1,579</b>

\*PPG 5% match